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TRANSACTIONS, PROCEEDINGS, AND ABSTRACTS.

1914.

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 Glyoxalase.
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 Lipase.
 Maltase.
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- α -Methyl- α -allylacetophenone** (HALLER and BAUER), A., i, 549.
- Methylallylcyclohexanols** and their derivatives (CORNUBERT), A., i, 952.
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- 4-Methyl-5-allyltetrahydro-6-pyrimidine**, 2-thio- (JOHNSON and HILL), A., i, 330.
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- α -Methylamino- γ -carbamido- β -methoxymalonylcarbamic acid** (BILTZ, KARTTE, and STRUFE), A., i, 592.
- 2-Methylamino-1-cyanoanthraquinone** (SCHAARSCHMIDT), A., i, 732.
- 4-Methylamino-1:4-dimethoxy-2-phenyl-5-pyrrolidone**, *d*-chloroacetate (KOHN and HOLZINGER), A., i, 74.
- α -Methylamino- γ -methylcarbamido- β -ethoxymalonylcarbamic acid**, esters of (BILTZ, KARTTE, and STRUFE), A., i, 592.
- α -Methylamino- γ -methylcarbamido- β -methoxymalonylcarbamic acid**, ethyl ester (BILTZ, KARTTE, and STRUFE), A., i, 592.
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- o*-Methylaminophenylfumaric acid** and its methyl ester (BORSCHÉ and JACOBSON), A., i, 323.
- β*-Methylaminopropylbenzene** and *α*-bromo-, and their salts (SCHMIDT), A., i, 990.
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- 2- and 6-Methylamino-*m*-toluic acid** (HOUBEN, FREUND, and KELLNER), A., i, 43.
- 5-Methylamino-3:7:9-trimethylhydant-o-ylcarbamide** and its salts (BILTZ and STRUFF), A., i, 588.
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- 3-Methylbenzhydrol**, 4- and 6-amino- (ESSELEN and CLARKE), A., i, 278.
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- β*-Methyl-*β*-bromomethylbutyl alcohol** (FRANKE, OBERMAYER, STRENG, FRANK, and MAYER), A., i, 8.
- 5-Methyl-2-bromomethylenecoumaran**, 1:1:4:6-tetrabromo- (FRIES, GROSS-SELBECK, and WICKE), A., i, 311.
- 5-Methyl-2-*d*ibromomethylenecoumaran**, bromo- and bromohydroxy-derivatives of (FRIES, GROSS-SELBECK, and WICKE), A., i, 310, 312.
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- 4-Methyl-*α*-tribromomethylstyrene**, *β*:3:5-tribromo-2-hydroxy- (FRIES, GROSS-SELBECK, and WICKE), A., i, 311.
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- 2-Methyl-4-isobutyl- Δ^1 -cyclohexen-6-one**, semicarbazone and semicarbazide-semicarbazone (MACUREVITSCH), A., i, 293.
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- p*-Methylcarbonatocinnamic acid** and its derivatives (SONN), A., i, 184.
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- α -Methylcarbonatopropionic acid** and its chloride (E. and H. O. L. FISCHER), A., i, 383.
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- 2-Methyl-5-cyanomethylbenzimidazole**, and amino-, and nitro-, and their derivatives (KONTOROWITSCH and BLOCH), A., i, 685.
- 2-Methyldecahydroquinoline** and its salts (SABATIER and MURAT), A., i, 323.
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- α -Methyl- $\alpha\alpha$ -diallylacetophenone** (HALLER and BAUER), A., i, 549.
- 1-Methyldiallylcyclopentan-2-one** (HALLER and CORNUBERT), A., i, 292.
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- β -Methyldihydromucic acid** (PAULY, GILMOUR, and WILL), A., i, 486.
- 5-Methyl-1-*p*-dimethylaminoanilino-coumaran-2-one**, 1-thiol- (FRIES, HASSELBACH, and SCHRÖDER), A., i, 880.
- d*-1-Methyl-3-dimethylvinyl- Δ^2 - and - Δ^3 -cyclohexenes** (HAWORTH and FYFE), T., 1668.
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- 4-Methyl- α -ethoxymethylstyrene**, β : β :3:5-tetrabromo-2-hydroxy- (FRIES, GROSS-SELBECK, and WICKE), A., i, 311.
- α -Methyl- α -ethyl- α -allylacetophenone** (HALLER and BAUER), A., i, 549.
- α -Methyl-1-ethylbenzene**, bromohydroxy- derivatives of (FRIES, GROSS-SELBECK, and WICKE), A., i, 313.
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- 2-*p*-Tolylaminoaceto-*p*-anisidide, 2:3-dinitro-, and its acetyl derivative (MELDOLA and HOLLELY), T., 986.
- γ -Tolyl- α -anisylidenecrotonolactone (BORSCHÉ, SAUERNHEIMER, and HEIMBURGER), A., i, 687.
- 1-*N*-*p*-Tolylanthrapyridone, hydroxy- (FARBENFABRIKEN VORM. F. BAYER & Co.), A., i, 324.
- p*-Tolylbenzamide hydrochloride (DEHN and BALL), A., i, 1170.
- p*-Tolyl benzoylaminomethyl ketone (RÜDENBURG), A., i, 52.
- o*-, *m*-, and *p*-Tolyl benzyl and phenylethyl ketones (MAILHE), A., i, 548.
- γ -Tolyl- α -benzylidenecrotonolactone (BORSCHÉ, SAUERNHEIMER, and HEIMBURGER), A., i, 687.

Toluene compounds, Me = 1.

- β -*o*-Tolyl- $\alpha\alpha$ -dichloroethylene (IOCHTSCHE), A., i, 402.
- o*-Tolyltrichloromethylacetylcarbinol, action of zinc on (IOCHTSCHE), A., i, 402.
- p*-Tolyltrichloromethylcarbinol (IOCHTSCHE), A., i, 402.
- o*-Tolyl chloromethyl ketone, 3:4-dihydroxy- (v. KRANNICHFELDT and ROSSELET), A., i, 191.
- 4:5-dihydroxy- (STEPHEN and WEIZMANN), T., 1050; P., 71.
- p*-Tolyl γ -chloropropyl ketone and its semicarbazone (WOHLGEMUTH), A., i, 929.
- α -*m*-Tolylcinnamic acids, amino-, hydroxy-, and nitro- (MAYER and BALLE), A., i, 537.
- γ -Tolyl- α -cinnamylidenecrotonolactone (BORSCHÉ, SAUERNHEIMER, and HEIMBURGER), A., i, 687.
- 4-*m*-Tolylidihydrouracil, 6-hydroxy- (POSNER and HESS), A., i, 47.
- as*-*p*-Tolylidimethylaminobenzylcarbamide and its platinichloride (v. BRAUN and KRUBER), A., i, 205.
- 2:4-Tolylene diamine, 3:5:6-tribromo- (BLANKSMA), A., i, 400.
- 2:4- and 3:4-Tolylene diammonium telluribromides (GUTBIER, FLURY, and WEINZIERL), A., i, 502.
- α -*p*-Tolylethyl alcohol, β -chloro- (SPÄTH), A., i, 823.
- p*-Tolyl ethyl ketimine (MOUREU and MIGNONAC), A., i, 1076.
- m*- and *p*-Tolylidenanthranilic acids (EKELEY and SLATER), A., i, 576.
- α -*m*-Tolyliminophenylacetone nitrile (MUMM, VOLQUARTZ, and HESSE), A., i, 534.
- o*-Tolylmethylaminoacetic acid, amyl and ethyl esters (ÖCHSLIN), A., i, 760.
- β -*p*-Tolyl- α -methyl-*n*-butyric acid, and β -hydroxy-, ethyl ester (RUPE, STEIGER, and FIEDLER), A., i, 282.
- 1-*p*-Tolyl-3-methyl-2-ethyl-5-pyrazolone, 4-amino-, and its derivatives (FARBWERKE VORM. MEISTER, LUCIUS, & BRÜNING), A., i, 90.
- o*-Tolyl methyl ketone, 5-amino-, derivatives of (KUNCKELL), A., i, 578.
- 3:4-dihydroxy- (v. KRANNICHFELDT and ROSSELET), A., i, 191.
- p*-Tolyl methyl ketone, *o*-nitro- (DUFF), T., 2185.
- 5-Tolyl-2-methyloxazole and its platinichloride (RÜDENBURG), A., i, 53.
- 2-*p*-Tolyl-4-methylquinoline, 3-cyano- (v. MEYER and HAENSEL), A., i, 999.

Toluene compounds, Me = 1.

5-*p*-Tolyl-2-methylthiazole and its salts (RÜDENBURG), A., i, 53.

***o*-Tolyl- β -naphthylamine**, *p*-chloro- (KNOEVENAGEL, BERLIN, SAKOM, DIETERICH, and MOSES), A., i, 519.

***m*-Tolyl- β -naphthylamine**, thio- (KNOEVENAGEL, BERLIN, SAKOM, DIETERICH, and MOSES), A., i, 519.

***m*- and *p*-Tolyl- α -naphthylamines** (KNOEVENAGEL, BERLIN, SAKOM, DIETERICH, and MOSES), A., i, 520.

***p*-Tolyl-*m*-nitrobenzoylaminomethyl-carbamide** (CURTIUS and HALLAWAY), A., i, 872.

***o*-Tolyloxyacetic acid** and its derivatives (MAMELI), A., i, 407.

2-Tolyloxybenzoic acids, 3-*mono*- and 3:5-*di*-nitro-, and their derivatives (PURGOTTI), A., i, 1131.

***o*-(and *m*-)Tolylphthalamic acids**, 6-(and 4-nitro- (KUHARA and KOMATSU), A., i, 183.

***m*- and *p*-Tolylphthalamic acids**, silver salts (KUHARA, KOMATSU, and NISHIYORI), A., i, 183.

***o*- and *m*-Tolylphthalimides**, *as*-6- and -4-nitro-, and their isomerides (KUHARA and KOMATSU), A., i, 183.

β -*p*-Tolylpropionamide, β -imino- (v. MEYER and ESSER), A., i, 999.

***m*-Tolylpropionic acid**, β -amino- β -2- and -6-hydroxy-, and their ethyl esters and derivatives (POSNER and HESS), A., i, 46.

***p*-Tolylpropionic acid**, β -amino- β -2-hydroxy-, and its derivatives (POSNER and HESS), A., i, 46.

3-*p*-Tolylpyrazoline, 5-imino-, and its derivatives (v. MEYER and FRIEDRICH), A., i, 996.

3-*p*-Tolyl-4-pyrazolone, 5-imino-, phenylhydrazone, and its derivatives (v. MEYER and FRIEDRICH), A., i, 997.

3-*m*-Tolylquinoline, 2-hydroxy- (MEYER and BALLE), A., i, 537.

2-*p*-Tolylquinoline-4-carboxylic acid, 3-cyano- (v. MEYER and HAENSEL), A., i, 999.

1-*p*-Tolyltetrazole, 5-thiol-, and its sodium salt (OLIVERI-MANDALÀ), A., i, 1145.

***p*-Tolylthiocarbamoylazoimide** (OLIVERI-MANDALÀ), A., i, 1145.

***p*-Tolylthiolacetyl chloride** (STOLLÉ), A., i, 992.

***p*-Tolylthiolglyoxylic acid**, and its derivatives (STOLLÉ), A., i, 718.

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3:4:5-Triacetoxybenzoic acid, and 2:6-*di*bromo-, methyl esters (SCHWENK), A., i, 963.

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***aaa*-Triallylacetophenone** (HALLER and BAUER), A., i, 549.

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6-Triazo-4-trimethylammonium-1-benzoquinone, 2-nitro- (MELDOLA and HOLLELY), T., 1477.

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- 2:3:4- or 2:3:5-Triethylpyrrole** (ODDO and MAMELI), A., i, 1142.
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- 2:3:4-Trimethoxybenzanilide** (MAUTHNER), A., i, 545.
- 3:4:5-Trimethoxybenzoic acid, carbinols, olefines and ketones derived from** (BOGERT and ISHAM), A., i, 532.
- 2:4:5-Trimethoxybenzophenone-2'-carboxylic acid, and its methyl ester** (BARGELLINI), A., i, 554.
- 3:5:7-Trimethoxy-1:4-benzopyrone, 2-hydroxy-** (WATSON and SEN), T., 398.
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- p-2:3:4-Trimethoxybenzoyloxy-3-methoxybenzoic acid and its methyl ester** (MAUTHNER), A., i, 545.
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- 3:4:5-Trimethoxybutyrophenone and its p-nitrophenylhydrazone** (BOGERT and ISHAM), A., i, 533.
- 3:4:5-Trimethoxydeoxybenzoin and its p-nitrophenylhydrazone** (BOGERT and ISHAM), A., i, 534.
- 3:5:7-Trimethoxy-2-m-p-dimethoxyphenyl-1:4-benzopyran, 4-chloro-4-hydroxy-** (WATSON and SEN), T., 397.
- 8:4':5'-Trimethoxy-2:3-indeno-1:4-benzopyranol anhydro-ferrichloride** (PERKIN, ROBINSON, and ROBERTS), T., 2386.
- 3:4:5-Trimethoxy- α -methylstyrene and its p-nitrophenylhydrazone** (BOGERT and ISHAM), A., i, 533.
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- 3:4:5-Trimethoxyphenyldibenzylcarbinol** (BOGERT and ISHAM), A., i, 534.
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- 2:4:6-Trimethoxyphenyl 2:4-, 2:5-, and 3:4-dimethoxystyryl ketones** (KAUFFMANN and KIESER), A., i, 54.
- ϵ -3:4:5-Trimethoxyphenyl- $\beta\beta$ -dimethyl- Δ^8 -nonene** (BOGERT and ISHAM), A., i, 533.
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- 3:4:5-Trimethoxyphenyl styryl ketone** (BOGERT and ISHAM), A., i, 533.
- 4-(3':4':5'-Trimethoxyphenyl)umbelliferone** (BOGERT and ISHAM), A., i, 532.
- 3:4:6-Trimethoxyphthalic acid and its derivatives** (BARGELLINI), A., i, 545.
- 3:4:5-Trimethoxypropiofenone and its p-nitrophenylhydrazone** (BOGERT and ISHAM), A., i, 533.
- 2:3:4- and 2:4:6-Trimethoxytriphenylcarbinols** (KAUFFMANN and KIESER), A., i, 55.
- Trimethoxyvinylphenanthrene** (KLEE), A., i, 1088.
- Trimethylamine, preparation of** (SCHMITZ), A., i, 665.
- Trimethylamine oxide, occurrence of, in the muscles of cephalopods** (HENZE), A., i, 902.
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- Trimethylcarbinol.** See *cyclo*Propylcarbinol.
- Trimethylcarbonatobenzoic acid** (FISCHER and STRAUSS), A., i, 289.
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- Trimethylchromones** and their derivatives (SIMONIS and LEHMANN), A., i, 424.
- $\alpha\beta$ -*p*-Trimethylcinnamic acid** and its ethyl ester (RUPE, STEIGER, and FIEDLER), A., i, 282.
- α - and β -Trimethyl cobaltcyanides** (HARTLEY), T., 521; P., 37.
- 1:1:4-Trimethylcoumaranone** and its derivatives (v. AUWERS), A., i, 1137.
- 2:4:5-Trimethylcoumarilic acid** (DEY), P., 38.
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- 3:4:6-Trimethyl-2:3-dihydropyrimid-2-one** and its hydrochloride (HALSE), A., i, 208.
- 2:6:7-Trimethyl-4-dihydroquinazolone**, 3-amino- (BOGERT and BENDER), A., i, 581.
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- Trimethylene oxide**, preparation of (IPATOV), A., i, 478.
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- Trimethylenemethylcarbinol**. See *cyclo*-Propylmethylcarbinol.
- 4:5:7-Trimethyl-2-ethylbenziminazole** and its salts (BOGERT and BENDER), A., i, 580.
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- Trimethylguanine**, salts of (TRAUBE and DUDLEY), A., i, 94.
- $\beta\delta\zeta$ -Trimethylheptane**, δ -chloro- (HALSE), A., i, 674.
- $\alpha\alpha\delta$ -Trimethylhexamide** (HALLER and CORNUBERT), A., i, 292.
- $\beta\gamma\epsilon$ -Trimethylhexane- $\beta\epsilon$ -diol**, γ -amino-, and its chloroacetate (KOHN and HOLZINGER), A., i, 74.
- 1:1:2-(and 1:1:4)-Trimethylcyclohexan-4-(and -2)-ol** (v. AUWERS and LANGE), A., i, 51.
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- $\alpha\alpha\delta$ -Trimethylhexoic acid** (HALLER and CORNUBERT), A., i, 292.
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- $\beta\epsilon\theta$ -Trimethylnonane**, ϵ -chloro- (HALSE), A., i, 674.
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- 1:2:4-Trimethyl-3-cyclopentanone** (HALLER and CORNUBERT), A., i, 842.
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- 1:1:2-Trimethylcyclopropane**, hydration and transformations of (KISHNER and CHONIN), A., i, 154.
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- Trimethylpyrindole** methiodide (SCHOLTZ), A., i, 431.
- 2:4:4-Trimethyl-5-pyrrolidone** and 2-hydroxy- (HALLER and BAUER), A., i, 724.
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- Triphenylcarbamide**, *hexa*- and *hepta*-nitro- (RENDLER), A., i, 523.
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- $\alpha\alpha\beta$ -Triphenyl- δ -*p*-dimethylamino-phenylbutadiene** (STAUDINGER, ENDLE, and KON), A., i, 57.

- Triphenylglyoxaline**, trihydroxy-, and its salts (COUSIN and VOLMAR), A., i, 538.
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- Triphenylphosphine**, absorption spectra of (PURVIS), T., 1378; P., 141.
- o*-*ac* γ -Triphenylpropane**, $\alpha\beta$ -dihydroxy- (MCKENZIE, MARTIN, and RULE), T., 1590; P., 182.
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